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<b>(21) International Application Number:</b> PCT/US00/00132 <b>(22) International Filing Date:</b> 4 January 2000 (04.01.00) <b>(30) Priority Data:</b> 09/225,889      4 January 1999 (04.01.99)      US <b>(71) Applicant (for all designated States except US):</b> INTERNATIONAL PAPER COMPANY [US/US]; 1422 Long Meadow Road, Tuxedo, NY 10987 (US). <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> MACQUEEN, Richard, C. [US/US]; 501 Guy Road, Phillipsburg, NJ 08865 (US). PAVLIN, Mark, S. [US/US]; 4 Keel Point, Savannah, GA 31419 (US). <b>(74) Agents:</b> PARKER, David, W. et al.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).		<b>(81) Designated States:</b> AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
<b>(54) Title:</b> TERTIARY AMIDE TERMINATED POLYAMIDES AND USES THEREOF <b>(57) Abstract</b> <p>A low molecular weight, tertiary amide terminated polyamide may be blended with a liquid hydrocarbon to form a transparent composition having gel consistency. The tertiary amide terminated polyamide may be prepared by reacting "x" equivalents of dicarboxylic acid wherein at least 50 % of those equivalents are from polymerized fatty acid, "y" equivalents of diamine such as ethylene diamine, and "z" equivalents of a monofunctional reactant having a secondary amine group as the only reactive functionality. The stoichiometry of the reaction mixture is preferably such that <math>0.9 \leq \{x/(y+z)\} \leq 1.1</math> and <math>0.1 \leq \{z/(y+z)\} \leq 0.7</math>. The gel contains about 5-50 % tertiary amide terminated polyamide, with the remainder preferably being pure hydrocarbon. The gels are useful in formulating personal care products and other articles wherein some degree of gel-like or self-supporting consistency is desired.</p> <div data-bbox="581 1171 1421 1785"> </div>		